

# INTERNATIONAL SEARCH REPORT

Int. Patent Application No.

PCT/IT 03/00604

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 F16D3/18

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F16D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/66224 A (HERRMANN WERNER) 23 December 1999 (1999-12-23) abstract page 11, line 10 - page 13, line 21 page 16, line 4 - line 13 figures 1-8,12	1-5
X	US 4 824 418 A (TAUBERT HUBERT) 25 April 1989 (1989-04-25) abstract column 5, line 34 - column 6, line 25 figures 1-5	1-5

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

**\* Special categories of cited documents:**

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

18 June 2004

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25/06/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 780 080 A (CORK GORDON H) 5 February 1957 (1957-02-05) column 1, line 15 - line 20 column 4, line 42 - line 51 column 5, line 46 - line 63 figures 1-3,11	1-3,5
A	FR 1 041 491 A (M. CLAUDE-FRANCIS-PAUL DELRIEU) 23 October 1953 (1953-10-23) page 1, right-hand column, line 18 - line 29 figures 1,7,8	6,7,13

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9966224	A	23-12-1999	DE 19920569 A1 WO 9966224 A1 EP 1088174 A1	23-12-1999 23-12-1999 04-04-2001
US 4824418	A	25-04-1989	DE 8524285 U1 AT 46945 T DE 3666080 D1 WO 8701165 A1 EP 0235183 A1 JP 63500052 T	03-10-1985 15-10-1989 09-11-1989 26-02-1987 09-09-1987 07-01-1988
US 2780080	A	05-02-1957	US 2941287 A	21-06-1960
FR 1041491	A	23-10-1953	NONE	